DX-TL5716U

16-Channel Digital Video Recorder

MITSUBISHI ELECTRIC
SECURITY PRODUCTS

Key Features

- 16 video input total
- Video compression: MPEG-4
- 480 FPS total record speed
- CIF, 2CIF and 4CIF resolutions
- "One touch copy"
- Built-in DVD/CD drive and USB ports
- PTZ of various dome cameras
- Low power consumption
- Dual programmable monitor outputs
- XGA video ouput
- Remote access via included software or web browser

5 YEAR WARRANTY

Power And Performance Delivered

Mitsubishi's DX-TL5716U delivers both power and uncompromising performance. Developed with the latest in advanced MPEG-4 video compression, ultra-high speed recording is achieved with a total record rate of 480 frames per second (CIF mode resolution). That translates to full motion recording for each camera connected. Due to its high compression ratio, MPEG-4 is also optimal for long term recording while providing up to three resolution levels to choose from.

Mitsubishi has engineered the DX-TL5716U for operational simplicity and ease of use. With "one touch copy", you can copy video clips to its built-in DVD/CD drive or USB flash memory drive via simply pressing a single button. Plus, a newly designed, friendly GUI menu structure enables easy maneuvering to program the unit, access live or search for recorded video all with a USB mouse.

ONE TOUCH COPY

Energy efficient and smart, the DX-TL5716U consumes very low power compared to other DVRs. With an added "sleep mode" function, it can also automatically shut down the second drive conserving even more energy, minimizing heat dissipation and prolonging the life of the drive. Optional products include USB enabled HDD expansion units for terabytes of additional storage and security controller keyboard. The DX-TL5716U is offered with an industry leading 5 year limited warranty along with an exceptional service program.

panel open

DX-TL5716U *16-Channel Digital Video Recorder*

SPECIFICATIONS

Recording Capacity 1TB

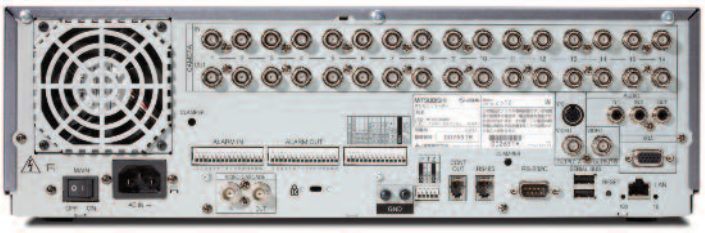
Picture Grade	Recording FPS (Camera total)							
	480	240	120	60	32	16	8	4
L9	4d0h	7d6h	13d2h	21d12h	37d4h	65d8h	130d18h	262d4h
L8	4d12h	8d6h	14d12h	24d8h	41d20h	73d6h	146d12h	293d16h
L7	5d4h	9d6h	16d12h	27d12h	47d4h	83d14h	167d6h	335d4h
L6	6d0h	10d22h	19d2h	32d10h	56d2h	97d12h	195d2h	365d6h
L5	7d4h	12d20h	22d16h	38d6h	66d6h	116d12h	233d0h	365d6h
L4	8d20h	16d6h	28d16h	48d0h	82d22h	145d2h	290d4h	365d6h
L3	11d16h	20d16h	37d4h	62d10h	91d8h	182d14h	365d6h	365d6h
L2	13d10h	25d0h	43d22h	78d10h	91d8h	182d14h	365d6h	365d6h
L1	16d20h	31d12h	53d16h	91d10h	91d8h	182d14h	365d6h	365d6h

The above table displays the estimated recordable time (when recording on a 1TB HDD). Picture size: CIF mode (352 x 240). Recording time - d:day h:hour
No audio. Estimated recording time varies depending on subject recorded.

Specifications

Rated Power Supply	100 to 240 V AC, 50/60 Hz	
Rated Input	0.9- 0.4 A (100-240 V)	
Color System	NTSC-type color system	
Operating Temperature	41 °F-104 °F (5 °C to 40 °C)	
Relative Humidity	Max. 80 (%)	
Altitude	Max. 2000 (m)	
Dimensions* (W x H x D)	16.7 x 14.8 x 5.2" (424 x 376 x 132 mm)	
Weight*	22.88 lbs. (10.4 kg) when 1 HDD is attached 24.42 lbs. (11.1 kg) when 2 HDDs are attached	
Recording System	Digital recording system	
	Sampling	13.5 MHz
	Data Compression	MPEG-4
	Compression Unit	Frame, Field
Recording Resolution	704 x 480, 704 x 240, 352 x 240	
Recording Device	Hard disk drive (HDD)	
Audio Recording System	AD-PCM system	
Video Input	16 Input BNC-Connectors: 1.0 V(p-p), 75 ohms.	
Monitor Output	S-Connector: Y-Signal: 1.0 V(p-p), 75 ohms; C-Signal: 0.286 V(p-p), 75 ohms 2 Output BNC-Connectors: 1.0 V(p-p), 75 ohms RCA-jack: 1.0 V(p-p), 75 ohms XGA	
Throughout Output	16 Output BNC-Connectors: 1.0 V(p-p), 75 ohms	
Cascade Video Input	BNC-Connector: 1.0 V(p-p), 75 ohms	
Cascade Video Output	BNC-Connector: 1.0 V(p-p), 75 ohms	
Audio Input	RCA-Jack: 308 mV(rms), 50 k ohms	
Audio Output	RCA-Jack: 308 mV(rms), 1 k ohms	
Clock	±20 seconds/month (when power is supplied, 25 °C)	
Timer Program	16 programs-Daily start and stop time for one week x 1 set	
Memory Backup	Lasts for more than 1 month (when fully charged)	
DVD-R/RW CD-R/RW recording format	Original format	
Accessories	AC power cord (1), CD (1), Cable clamping band (2), Installer's manual (1), User's manual (1), Recording time table (1)	

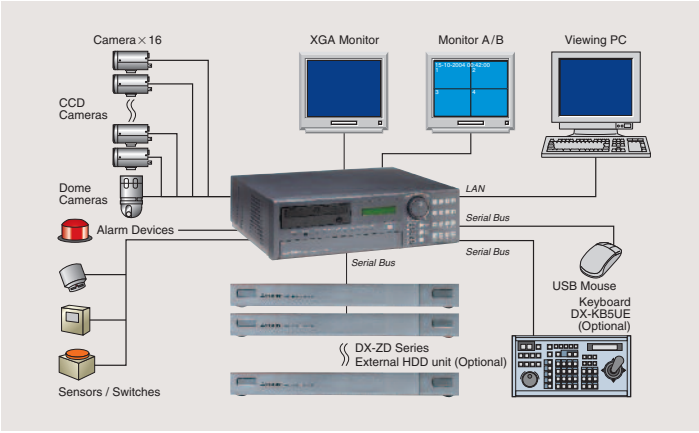
Input And Output Terminals



Connectors

External storage terminal	Serial bus (1-4) (For connecting the recommended optional items only)		
Control terminals			
Emergency Input	Active: Non active:	When terminals are short-circuited or "Low" Level voltage is applied Open	
EVENT (1-3)	Active: Non active:	When terminals are short-circuited or "Low" Level voltage is applied Open	
Mode out (1-4)	Active: Non active:	"Low" Level Open	Max. Drive current 30 mA DC Max. Voltage 24 V DC
Call out +/– (Photo coupler output)	Active: Non active:	Short Open	Max. Drive current 7 mA DC Max. Voltage 24 V DC
Ground terminal DC 12 V Output	Max. 350 mA DC (when Main switch and power button is turned on)		
CLOCK ADJ IN	Active: Non active:	When terminals are short-circuited or "Low" Level voltage is applied Open	
CLOCK ADJ OUT	Active: Non active:	"Low" Level Open	Max. Drive current 30 mA DC Max. Voltage 24 V DC (CLOCK ADJ OUT is a through output terminal of CLOCK ADJ IN.)
Alarm Input	Active: Non active:	When terminals are short-circuited or "Low" Level voltage is applied Open	
Alarm output	Active: Non active:	"Low" Level Open	Max. Drive current 30 mA DC Max. Voltage 24 V DC
CONT OUT	Modular jack 4 pins		
RS-485	Input/Output terminal RJ-45		
PTZ terminal	RS-232C terminal; RS-422 terminal		
Serial port	RS-232C D-SUB 9 pin		
Communication	LAN: Connector form: RJ-45 Physical interface: 10BASE-T/100BASE-TX		

System Structure



5 YEAR WARRANTY

E.R.A. EXPRESS REPLACEMENT ASSISTANCE

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Standard features, options and specifications subject to change without notice.
* Weight and dimensions shown are approximate.

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